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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	252	Application Number	10/730,817
		Filing Date	December 3, 2003
		First Named Inventor	Daniel Owen et al.
		Art Unit	2193
		Examiner Name	Chaki, Kakali

Total Number of Pages in This Submission	252	Attorney Docket Number	45256.00025.UTL
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ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Information Disclosure Statement (2 pgs.); PTO/SB/08a 1449 form (3 pgs.); 7 References (247 pgs.), and Return postcard.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name	Trevor Q. Coddington, Ph. D., Esq		
Date	January 13, 2006	Reg. No.	46,633

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	Maria Carvalho		
Typed or printed name			
	Date	January 13, 2006	

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PATENT
ATTORNEY DOCKET NO. 45256.00025.UTL2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/730,817 Confirmation No.: 4224
Applicants : Daniel Owens *et al.*
Filed : December 8, 2003
Title : IMPROVED ARCHITECTURE FOR GENERATING
INTERMEDIATE REPRESENTATIONS FOR PROGRAM CODE
CONVERSION
Art Unit : 2193
Examiner : Kakali CHAKI
Docket No. : 45256.00025.UTL2
Customer No. : 36183

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicant identifies the references listed on the attached form PTO/SB/08a for consideration and to be made of record herein by the United States Patent and Trademark Office (PTO) in the above-captioned application.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Form 1440 with the Examiner's initials in accordance with MPEP § 609 are respectfully requested.

The references identified in this Information Disclosure Statement (IDS) may or may not be "material" pursuant to 37 C.F.R. § 1.56 and the submission thereof by Applicant shall not be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 C.F.R. § 1.97(h)), or even qualifies as "prior art" under 35 U.S.C. § 102.

The filing of this IDS shall not be construed to mean that a search has been made or that no other material information, as defined in 37 C.F.R. § 1.56, exists.

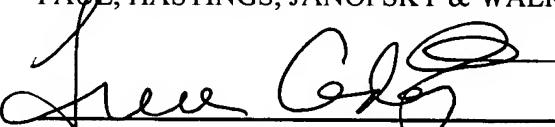
In accordance with 37 C.F.R. § 1.97, this IDS is believed to be submitted prior to issuance of a first Office Action. Therefore, it is respectfully submitted that no fee is required for

consideration of this information. However, in the event that a fee is deemed necessary by the PTO for consideration of this information or to maintain the above-captioned application pending at any time, the PTO is hereby authorized to charge such fee to the undersigned's Deposit Account No. 50-2613 (Order No. 45256.000025.UTL2.P1068).

Respectfully submitted,

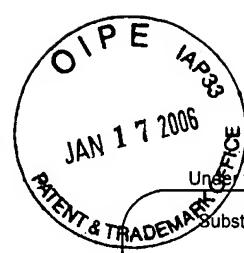
PAUL, HASTINGS, JANOFSKY & WALKER LLP

Dated: January 13, 2006

By: 

Trevor Q. Coddington, Ph.D., Esq.
Reg. No. 46,633

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PTO/SB/08a (07-05)

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1416A/RTG

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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<i>Complete if Known</i>	
Application Number	10/730,817
Filing Date	December 8, 2003
First Named Inventor	Daniel Owen et al
Art Unit	2193
Examiner Name	Chaki, Kakali
Attorney Docket Number	45256.00025.UTL2

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
	AE	WO 00/22521	04-20-2000	Souloglou et al	P. 1-2; P. 8, Line 9-11; P. 12-13; P. 15-16; P. 19-22	
	AF	EP 0 731 409 A1	09-11-1996	Benson		
	AG	EP 1 211 598 A1	06-05-2002	Cabillac et al		
	AH	WO 98/06034	02-12-1998	Horwat		
	AI	WO 92/15939	09-12-1992	Benson		

Examiner Signature | **Date Considered**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known

Application Number	10/730,817
Filing Date	December 8, 2003
First Named Inventor	Daniel Owen et al
Art Unit	2193
Examiner Name	Chaki, Kakali
Attorney Docket Number	45256.00025.UTL2

U. S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				
AJ		EP 1 380 946 A2	01-14-2004	Rawsthorne et al	whole document	

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Translation is attached.
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Substitute for form 1449B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/730,817
(Use as many sheets as necessary)				Filing Date	December 8, 2003
				First Named Inventor	Daniel Owen et al
				Art Unit	2193
				Examiner Name	Chaki, Kakali
Sheet	3	of	3	Attorney Docket Number	45256.00025.UTL2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	✓ AK	J. GOSLING, "Java intermediate bytecodes", SIGPLAN Workshop on Intermediate Representations, January 1995, pages 111-118, Volume 30-Issue 3, ACM Press, New York, NY, USA	

Examiner Signature _____ **Date Considered** _____

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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